

All tubes are 1.5in square steel tubing with .12in wall thickness (McMaster part #6527K374 for example)
All flat brackets are 3/16in sheet steel
All units are inches unless specified
Weld all pieces together in configuration shown
Break all sharp edges
Paint black with machinist's preferred painting method

THRU hole and 10/32 nut
located on this end on Base_4

Base_4

Add ribs 3in on edge
Approx. 3/16in thick

Base_2

2x wheel_mount_base

8x Drill and tap 1/4-20 holes after Base_1,
wheel_mount_base and wheel_mount_plate
are welded together.
Hole locations specified in wheel_mount_plate

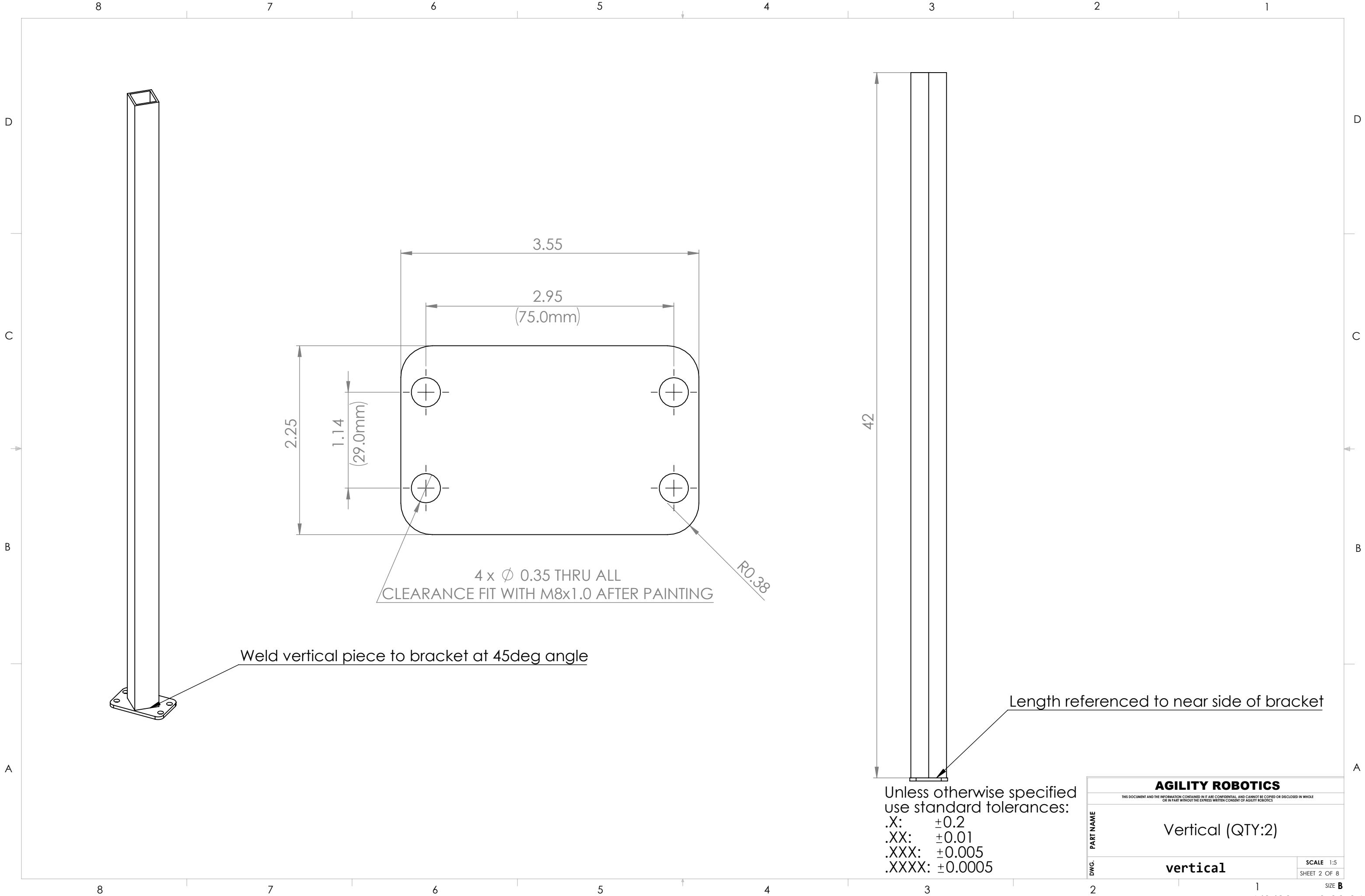
2x wheel_mount_plate

Base_3

Base_1

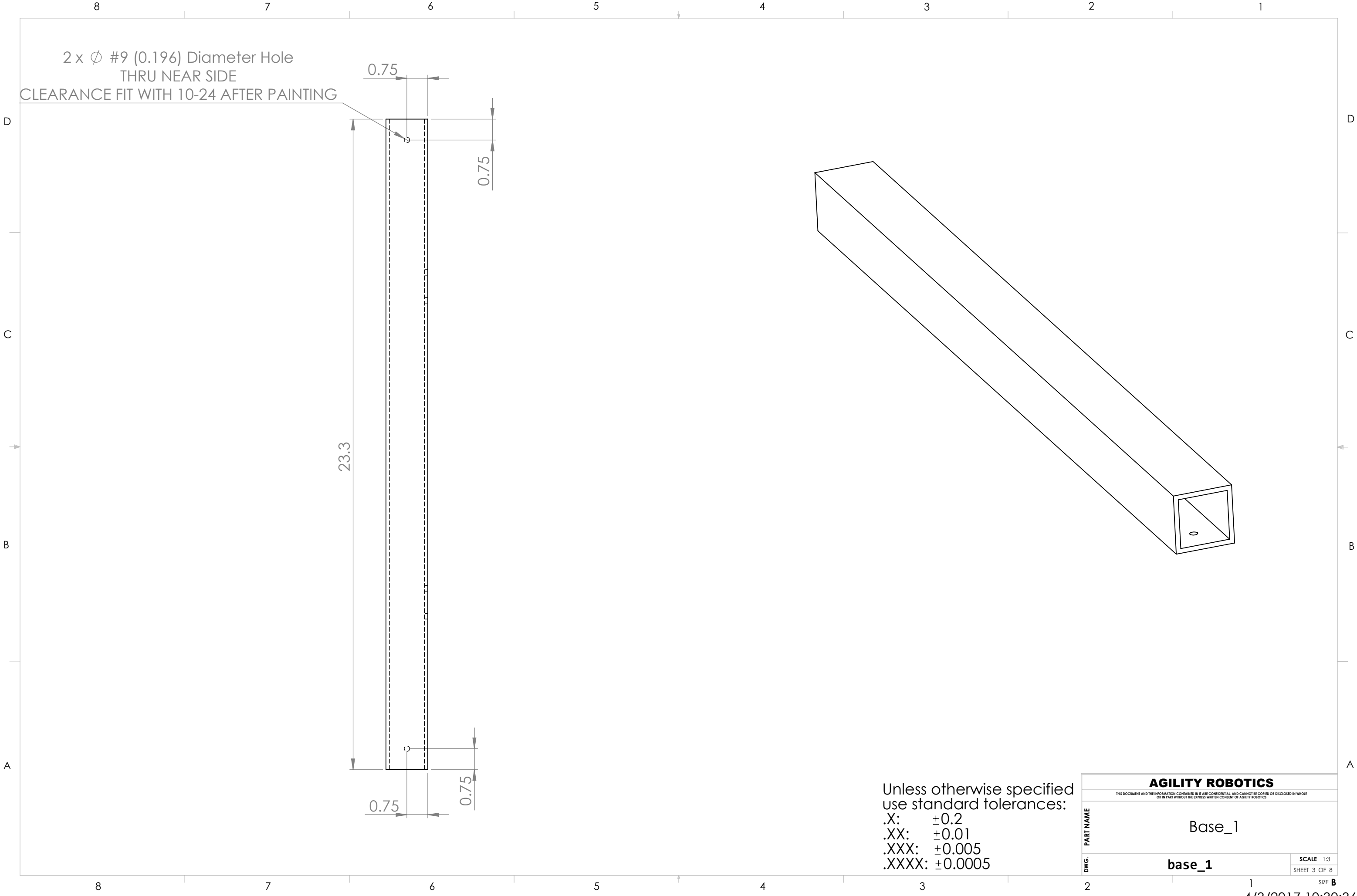
Unless otherwise specified
use standard tolerances:
.X: ±0.2
.XX: ±0.01
.XXX: ±0.005
.XXXX: ±0.0005

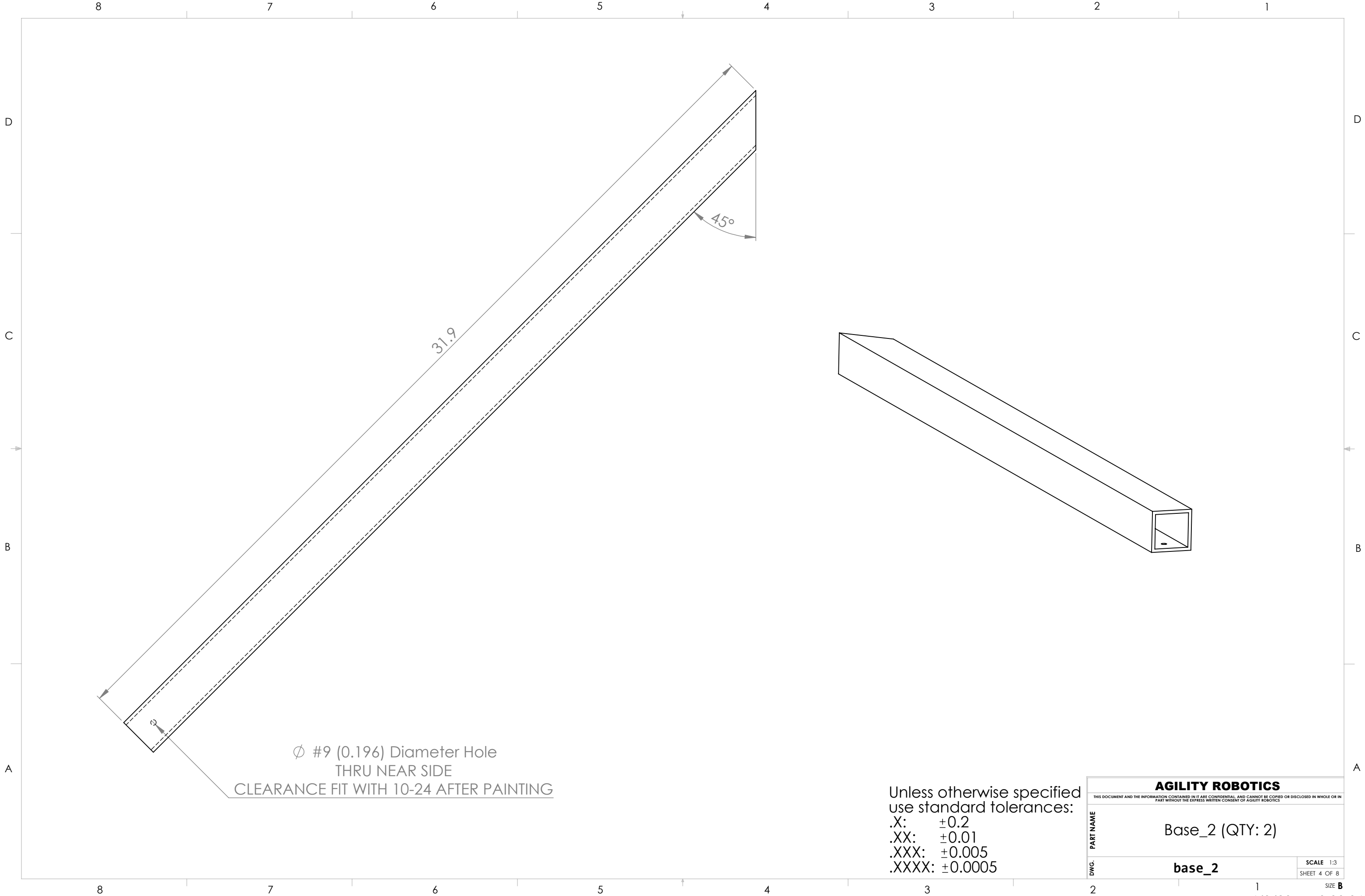
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DWG. NAME	Cassie Stand (QTY: 2)
	asm-- stand
SCALE	1:5
SHEET	1 OF 8
SIZE	B



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.XXX: ±0.005
.XXXX: ±0.0005

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PART NAME	Vertical (QTY:2)
DWG.	vertical
SCALE 1:5	
SHEET 2 OF 8	
SIZE B	

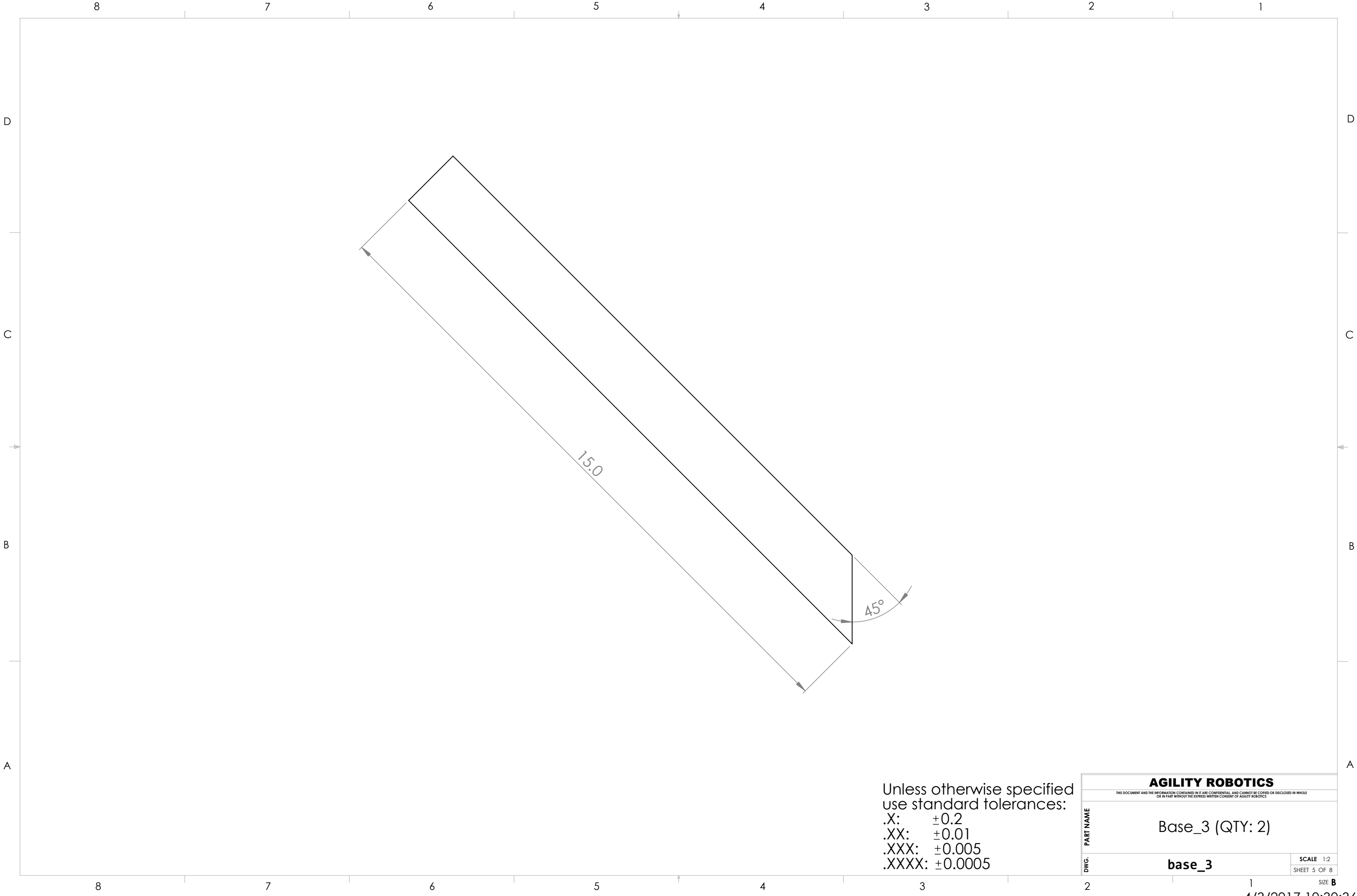


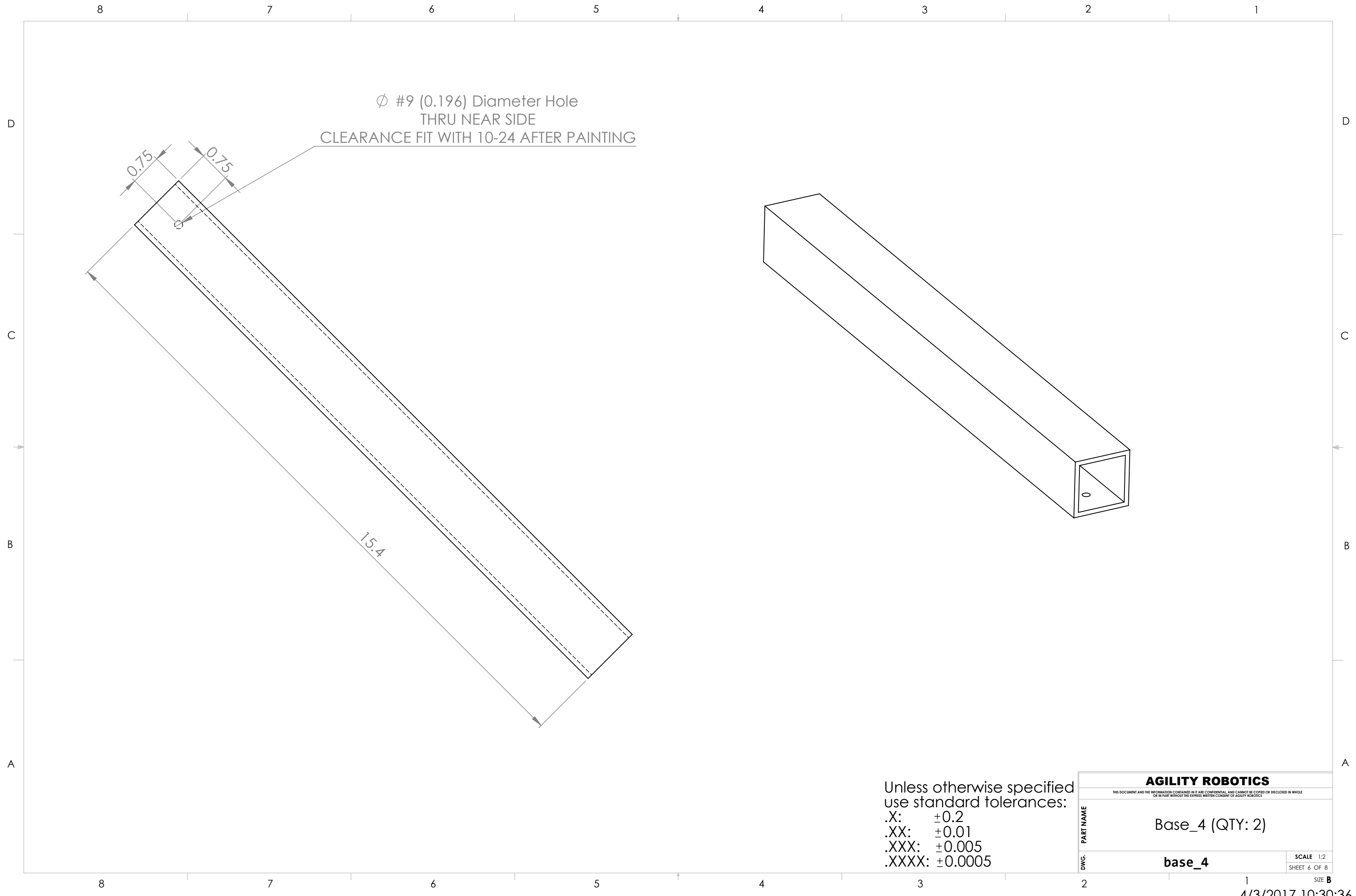


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PART NAME	Base_2 (QTY: 2)
DWG.	base_2
SCALE	1:3
SHEET	4 OF 8
SIZE	B

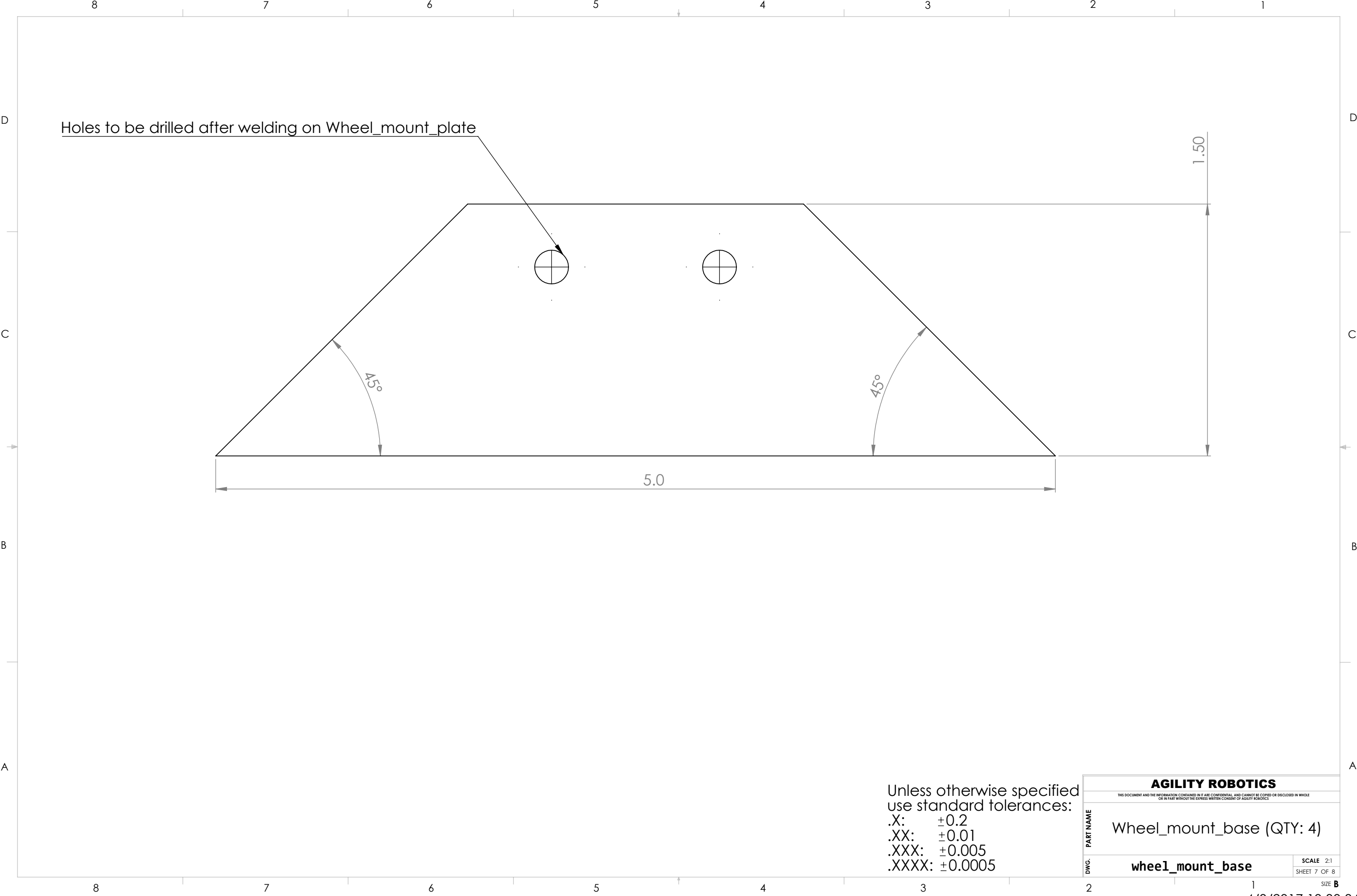




Ø #9 (0.196) Diameter Hole
THRU NEAR SIDE
CLEARANCE FIT WITH 10-24 AFTER PAINTING

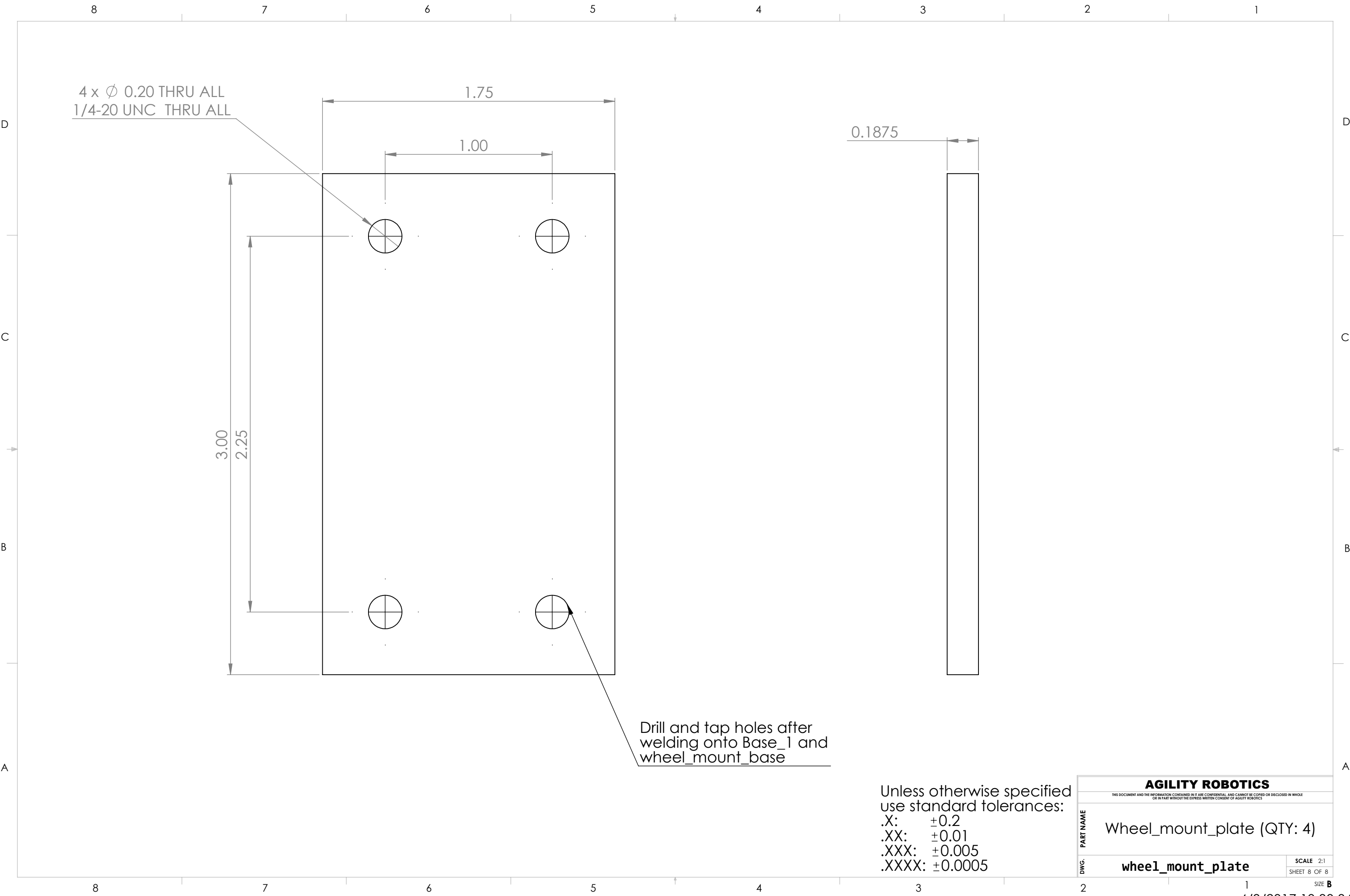
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DWG.	PART NAME	
	Base_4 (QTY: 2)	
	base_4	SCALE 1:2
		SHEET 6 OF 8



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PART NAME	Wheel_mount_base (QTY: 4)
DWG.	wheel_mount_base
SCALE 2:1	
SHEET 7 OF 8	



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.XX:	± 0.01
.XXX:	± 0.005
.XXXX:	± 0.0005

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PART NAME	Wheel_mount_plate (QTY: 4)
DWG.	wheel_mount_plate
SCALE 2:1	
SHEET 8 OF 8	